

**ABSTRACT**

An array of photodiodes includes regions of a second conductivity type formed in a semiconductive region of a first conductivity type, divided into three interleaved sub-arrays. All the photodiodes of a same sub-array are coated with a same interference filter including at least one  
5 insulating layer of determined thickness coated with at least one conductive layer. According to the present invention, the conductive layers are electrically connected to the semiconductive region of a first conductivity type.